

# AMENSOLAR

## A5120 LifePo4 Battery



- 51.2V / 5.12KWh
- Being paralleled 16 sets
- Thickness: 2U Rack Mounted
- UL1973 certificate



### Easy to be installed

easy maintenance  
flexibility and versatility



### LFP Prismatic Cell

current interrupt Device (CID) helps pressure relief and ensures safe and detect controllable aluminum shells is welded to ensure sealing



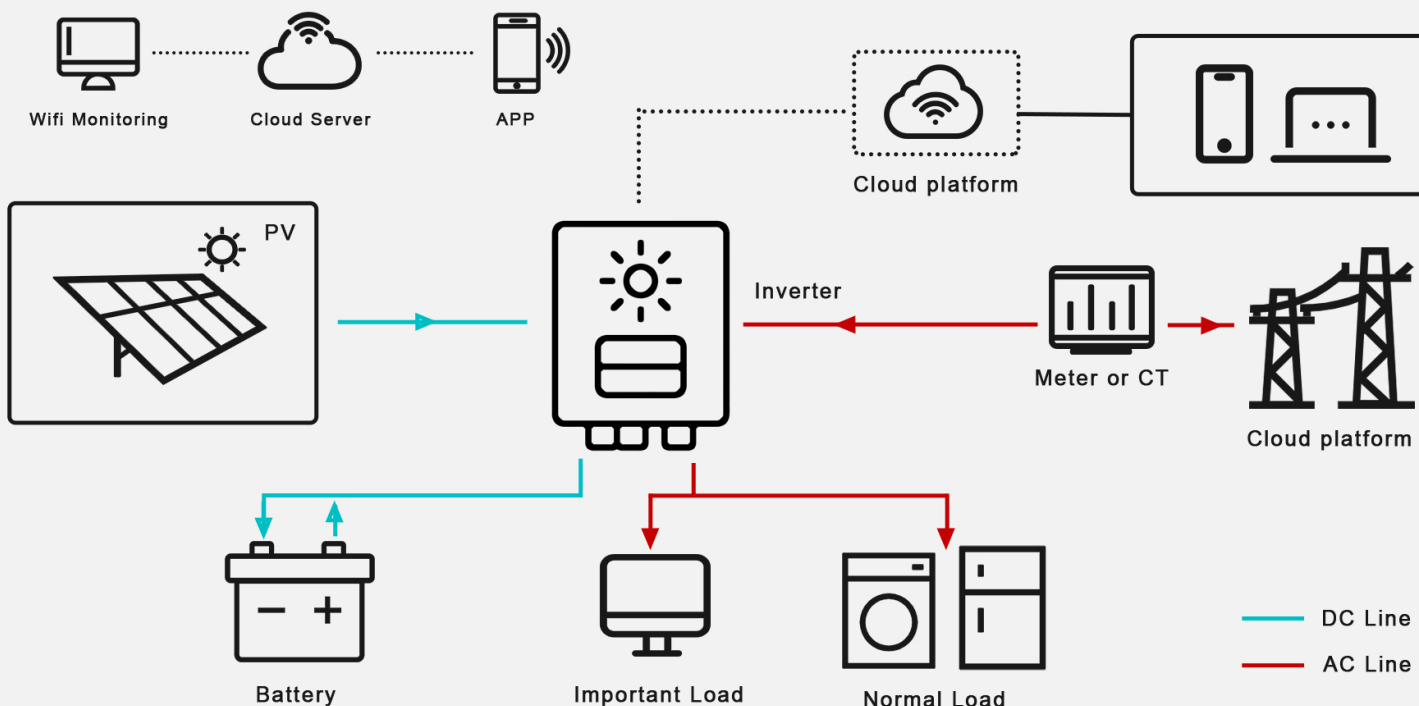
### 51.2V low-voltage

support 16 sets parallel connection



### BMS

Real-time control and accurate monitor in single cell voltag, current and temperature, ensure battery safety



Item	A5120
Battery Type	LifePo4
Mount Type	Rack Mounted
Nominal Voltage (V)	51.2
Capacity(Ah)	100
Nominal Energy (KWh)	5.12
Operating Voltage(V)	44.8~57.6
Max Charge Current(A)	100
charging Current(A)	50
Max Discharge Current(A)	100
discharging current(A)	50
charging Temperature	0°C~+55°C
Discharging Temperature	-20°C~+55°C
Relative Humidity	5% - 95%
Dimension(L*W*H mm)	496*600*88
Weight(KG)	43±0.5
Communication	CAN, RS485
Enclosure Protection Rating	IP21
Cooling Type	Natural Cooling
Cycles Life	≥6000
Recommend DOD	90%
Design Life	20+ Years (25°C @77°F)
Safety Standard	UL1973/CE/IEC62619/UN38.3
Max. Pieces of Parallel	16